

1

Uses of D-Xylose, the Esters Thereof and Oligosaccharides Containing Xylose For Improving the Functionality of Epidermal Cells

WO9924009 20 May 1999

LVMH Recherche

Abstract:

The invention concerns uses of d-xylose, the esters thereof and oligosaccharides containing D-xylose for improving the functionality of epidermal cells. More particularly, it concerns the use of a compound selected among the group consisting of D-xylose, its esters, in particular fatty acid esters or D-galacturonic acid ester, and oligosaccharides containing D-xylose, as cosmetic or dermatological agent for stimulating synthesis and/or secretion of proteoglycans (PG) and/or glycosaminoglycans (GAG) by keratinocytes, in particular keratinocytes of the epidermis and of tissues with a keratinocyte coating compartment such as the mucous membranes, in particular the lips, and the skin appendages, in particular hair follicles, said agent being incorporated in a cosmetic or pharmaceutical composition.

2

Cosmetics containing sugar-bound poly(amino acid)

JP 08217656 A2 19960827

Pola Kasei Kogyo Kk, Japan

Abstract:

A cosmetic contg. sugar-bound poly(amino acid) such as polylysine, polyornithine, and poly(glutamic acid) holds moisture and is useful for skin and hair conditioning. The sugar may be glycerose, arabinose, xylose, glucose, galactose, mannose, and fructose.

3

Cosmetics containing agar oligosaccharides for skin and hair

JP08151313 June 11, 1996

Kanebo Ltd., Japan

The title cosmetics are safe, have antiseptic ability, and show moisturizing effect and no stickiness. A lotion was prepd. from squalane 5.0, glycerin trioctanoate 1.0, polyoxyethylene hydrogenated castor oil 0.5, agar oligosaccharides 1.0, 1,3-butylene glycol 5.0, EtOH 5.0, and H₂O to 100 wt.%.
Note: D-xylose is indexed for this record.

4

Xylobiose-containing cosmetic composition

JP 040306212 March 13, 1992

US5660838 August 26, 1997

EP459462B1 March 13, 1996

CA2043625 December 01, 1991

Suntory Ltd., Japan

Abstract (Derwent):

Xylobiose (I) at 0.0001-20 %, preferably 0.1-10 %, is incorporated into cosmetic compns. to provide enhanced moisture retention and to reduce excessive roughness and dryness of the skin and hair. I is also effective in preventing the occurrence of stickiness, color change and malodor in the skin prepns. Thus, I was prepd. from a plant-derived xylan by saccharification and tested for its moisture-retaining capability. A lotion contained the xylan-saccharified product (contg. greater than or equal to 95 % I) 1.0, propylene glycol 1.0, citric acid 0.2, 95 % EtOH 10.0, perfume q.s., POE lauryl ether 0.5 %, and water balance.

Abstract (US5660838)

Xylobiose-containing skin preparations for external use are disclosed. Skin preparations for external use into which xylobiose may be incorporated include cosmetics such as clear lotions, milky lotions, packs and lip treatments, drugs or quasidugs such as ointments and cataplasms, hair-care products such as rinses and hair conditions, and detergents such as hair shampoos and body shampoos. Xylobiose is typically contained in an amount of 0.0001-20

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wt %, preferably 0.1-10 wt %, of the total amount of the skin preparation on a dry solids basis. The incorporation of xylobiose is effective not only in preventing the occurrence of stickiness, color change and malodor in the skin preparations but also in providing enhanced moisture retention and reducing excessive roughness and dryness of the skin and hair.

5

Hair split-end regeneration composition

US4900545 February 13, 1990

Henkel

Abstract:

A composition for the regeneration of hair split-ends in an aqueous/alcoholic solution or emulsion containing panthenol, at least one mono- or di-saccharide, and optionally polyvinylpyrrolidone and/or a triol; as well as a method for using such composition.

Note: xylose is mentioned as a possible saccharide

Ref BASIS: 19314
 N° d'accès Derwent: 92-332912 [41]
 Titre Derwent: Hair care compns. to improve hair strength, hold and vol. - contain cationic protein hydrolysate and carbohydrate and/or cationic, anionic or amphoteric polymer
 TEXTO_Mots-Clés Papp: SHAMPOOING RINCE CHEVEUX CONDITIONNEMENT RENFORCEUR PROPRIETES PHYSIQUES VOLUME COMPOSITION POLYPEPTIDE CATIONIQUE PROTEINE HYDROLYSAT -HYDROXYPROPYL AMMONIUM + SACCHARIDE GLUCOSE POLYMER AMPHOTERE ACIDE ACRYLIQUE - ACRYLAMIDE AMMONIUMALKYL POLYMER CATIONIQUE POLYMER ANIONIQUE
 Domaine Principal: Capillaire (nettoyage, soin, coiffage)
 Déposants: HENKEL KGAA
 Inventeurs: GIEDE K; HOLLENBERG D; MUELLER R; SEIDEL K; GIDE K
 Priorité (N° + date): 91DE-109999 910327
 Dépôt (N° + date): 91DE-109999 910327; 92WO-E00586 920318; 92WO-E00586 920318; 93FI-003948 930909; 92EP-906596 920318; 92WO-E00586 920318 [Based on WO9217153]; 92WO-E00586 920318; 93HU-002710 920318 [Based on WO9217153]; 92JP-505982 920318; 92WO-E00586 920318 [Based on WO9217153]; 92EP-906596 920318; 92WO-E00586 920318 [Based on WO9217153]; 92DE-500988 920318; 92EP-906596 920318; 92WO-E00586 920318 [Based on EP-577636]; 92EP-906596 920318 [Based on EP-577636]
 Publication (N° + date): DE4109999 A 921001 D9241 A61K-007/06 008pp; WO9217153 A1 921015 D9244 A61K-007/06 Ger 026pp; F19303948 A 930909 D9347 A61K-000/00 000pp; EP-577636 A1 940112 D9402 A61K-007/06 Ger 000pp; HU-65715 T 940728 D9431 A61K-007/06 000pp; J06505973 W 940707 D9431 A61K-007/06 007pp; EP-577636 B1 941214 D9503 A61K-007/06 Ger 012pp; DE59200988 G 950126 D9509 A61K-007/06 000pp; ES2066607 T3 950301 D9515 A61K-007/06 000pp
 Résumé (+ Use/Advantage): DE4109999 Hair care compns. contain a cationically derivatised protein hydrolysate (I) together with a carbohydrate (II) and/or a cationic, anionic or amphoteric polymer (III). Pref. the compns. are formulated, e.g., as shampoos, or rinses and contain 0.1-10 (esp. 0.5-5) wt.% (I), 0.1-10 (esp. 0.5-5) wt.% (II) and 0.1-5 (esp. 0.1-2) wt.% (III). Pref. (I) is of formula (IA) (where R = protein aminoacid side chains; R1 and R2 = 1-4C alkyl; R3 = 8-22C alkyl; n is not defined). (II) is a 5-6C carbohydrate, esp. glucose. (III) is an amphoteric polymer, esp. a copolymer of acrylamidopropyl trimethylammonium chloride (APTA) and acrylic acid as described in DE3929973. ADVANTAGE - The compns. improve hair strength, hold and vol.. Components (I) and (II) do not undergo a Maillard reaction during storage (cf. DE3528168). (Dwg.0/0); EP-577636 Hair care compns. contain a cationically derivatised protein hydrolysate (I) together with a carbohydrate (II) and/or a cationic, anionic or amphoteric polymer (III). Pref. the compns. are formulated, e.g., as shampoos, or rinses and contain 0.1-10 (esp. 0.5-5) wt.% (I), 0.1-10 (esp. 0.5-5) wt.% (II) and 0.1-5 (esp. 0.1-2) wt.% (III). Pref. (I) is of formula (IA) (where R = protein aminoacid side chains; R1 and R2 = 1-4C alkyl; R3 = 8-22C alkyl; n is not defined). (II) is a 5-6C carbohydrate, esp. glucose. (III) is an amphoteric polymer, esp. a copolymer of acrylamidopropyl trimethylammonium chloride (APTA) and acrylic acid as described in DE3929973. ADVANTAGE - The compns. improve hair strength, hold and vol.. Components (I) and (II) do not undergo a Maillard reaction during storage (cf. DE3528168). EP-577636 Preparations containing typical constituents for the cleaning and care of hair, characterised in that they contain a combination of active substances consisting of (A) a cationically derivatised protein hydrolysate, (B) a carbohydrate selected from, monosaccharides, oligosaccharides, onic and uronic acids (sugar acids), sugar alcohols and glycosides, and (C) a cationic, anionic or amphoteric polymer. (Dwg.0/0)
 Use / Advantage: DE4109999 ADVANTAGE > The compns. improve hair strength, hold and vol.. Components (I) and (II) do not undergo a Maillard reaction during storage (cf. DE3528168). (Dwg.0/0); EP-577636 ADVANTAGE > The compns. improve hair strength, hold and vol.. Components (I) and (II) do not undergo a Maillard reaction during storage (cf. DE3528168). EP-577636 Preparations containing typical constituents for the cleaning and care of hair, characterised in that they contain a combination of active substances consisting of (A) a cationically derivatised protein hydrolysate, (B) a carbohydrate selected from, monosaccharides, oligosaccharides, onic and uronic acids (sugar acids), sugar alcohols and glycosides, and (C) a cationic, anionic or amphoteric polymer. (Dwg.0/0)
 Nb Priorités: 1
 Pays Désignés: CA; FI; HU; JP; PL; US; GB; GR; IT; LI; LU; MC; NL; SE; BE; CH; DE; DK; ES; FR; WO; EP
 Nb Extension: 20
 1ère Année Prior.: 91
 1er Pays Prior.: DE
 Codes Derwent DC: A96; D21
 Codes Derwent MC: A12-V04A; D08-B03; D11-A01D
 Codes CIB: A61K-007/06; A61K-007/075; A61K-007/08; A61K-007/09; A61K-007/13; C11D-001/90; C11D-003/18

11/12/99 11:43:11 AM

Ref BASIS: 25538
N° d'accès Derwent: 94-302162 [37]
Titre Derwent: Relaxing of hair fibres - by lanthionising with non-reducing base and treatment with deswelling compsn. comprising starch, sugar, salt and acid for decreasing hair structural damage, etc.
TEXTO_Mots-Clés Papp: GLYCEROL SORBITOL SUCROSE GLUCOSE FRUCTOSE POLYMER_CATIONIQUE
TENSIOACTIF NONIONIQUE ACIDE_GRAS_POLYETHOXYLE
Domaine Principal: Permanente et défrisage
Déposants: AVLON IND INC
Inventeurs: AHMED K; SYED A N; AHMAD K
Priorité (N° + date): 93US-095614 930721
Dépôt (N° + date): 93US-095614 930721; 93EP-307943 931006
Publication (N° + date): US5348737 A 940920 Dw9437 A61K-007/09 008pp; EP-635259 A1 950125 Dw9508 A61K-007/09 Eng 013pp
Résumé (+ Use/Advantage): US5348737 Hair fibres are relaxed as follows: (a) the fibres are lanthionised with a non-reducing base (I); and (b) a deswelling compsn. comprising starch, sugar, salt and a pH-decreasing agent (II) (lactic acid or H3PO4) is applied to the hair. ADVANTAGE - Use of the deswelling compsn. decreases the normal hair fibre swelling that occurs during the relaxing process, hence decreasing structural damage to the hair while increasing hair fibre strength. (Dwg.072); EP-635259 Hair fibres are relaxed as follows: (a) the fibres are lanthionised with a non-reducing base (I); and (b) a deswelling compsn. comprising starch, sugar, salt and a pH-decreasing agent (II) (lactic acid or H3PO4) is applied to the hair. ADVANTAGE - Use of the deswelling compsn. decreases the normal hair fibre swelling that occurs during the relaxing process, hence decreasing structural damage to the hair while increasing hair fibre strength. (Dwg.0/2)
Use / Advantage: US5348737 : ADVANTAGE > Use of the deswelling compsn. decreases the normal hair fibre swelling that occurs during the relaxing process, hence decreasing structural damage to the hair while increasing hair fibre strength. (Dwg.0/ 2); EP-635259 : ADVANTAGE > Use of the deswelling compsn. decreases the normal hair fibre swelling that occurs during the relaxing process, hence decreasing structural damage to the hair while increasing hair fibre strength. (Dwg.0/ 2)
Nb Priorités: 1
Pays Désignés: ES; FR; GB; NL; US; EP
Nb Extension: 5
Citations (EP/WO): DE2823243; FR1553084; FR22202436; US3840401; US4373540; US4602648
1ère Année Prior.: 93
1er Pays Prior.: US
Codes Derwent DC: A96; D21
Codes Derwent MC: A03-A00A; A12-V04A; D08-803
Codes CIB: A61K-007/09; A61K-007/11
MAJ Derwent Basic: 9437
MAJ Derwent Corr.: 9508
Nb MAJ Derwent: 2

Ref BASIS: 32386
 N° d'accès Derwent: 96-240110 [25]
 Titre Derwent: Hair restoring agent for repairing split hairs which contains no cationic surfactants, - contains an active substance combination of a cationic panthenol deriv. and a mono- or di:saccharide, quat. mono:saccharide, sugar acid, sugar alcohol or glycoside carbohydrate component

TEXTO_Mots-Clés Papp: Capillaire (nettoyage, soln, coiffage)
 Domaine Principal: HENKEL KGAA
 Déposants: GODDINGER D; HOLLENBERG D; PRIEBE C; SEIDEL K
 Inventeurs: 94DE-440315 941111
 Priorité (N° + date): 94DE-440315 941111; 95WO-E04281 951102
 Dépôt (N° + date): DE4440315 A1 960515 D9625 A61K-007/06 008pp; W09614824 A1 960523 D9626
 Publication (N° + date): A61K-007/06 Ger 024pp

Résumé (+ Use/Advantage): DE4440315 A formulation for the treatment of keratin fibres, esp. human hair, contains an active substance combination comprising: (A) a cationic panthenol deriv.; and (B) a carbohydrate chosen from mono- or oligosaccharides, (ur)onic acids (i.e. sugar acids), sugar alcohols, glycosides or quat. monosaccharides. A method for treating hair by applying the above formulation and then rinsing it out or leaving it to stand is also claimed. USE - The formulation is used as a hair restoring agent for repairing split hairs and may be added to shampoos, conditioners, styling lotions, hair cures, permanent wave solns., dyes etc. ADVANTAGE - Unlike cationic surfactant based prods. this agent does not accelerate the process by which hair becomes greasy, and they do not have to be applied to the hair as a sep. soln. since they are compatible with anionic surfactants. (Dwg.0/0)

Use / Advantage: DE4440315 I USE > - The formulation is used as a hair restoring agent for repairing split hairs and may be added to shampoos, conditioners, styling lotions, hair cures, permanent wave solns., dyes etc. I ADVANTAGE > Unlike cationic surfactant based prods. this agent does not accelerate the process by which hair becomes greasy, and they do not have to be applied to the hair as a sep. soln. since they are compatible with anionic surfactants. (Dwg.0/0)

Nb Priorités: 1
 Pays Désignés: JP; US; AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; WO; EP
 Nb Extension: 19
 Citations (EP/WO): DE4214652; DE4324962; DE9311095; EP-287876; US5270035; US5340570; US5384118; W08703196; W09213829; W09219217; W09324101

1ère Année Prior.: 94
 1er Pays Prior.: DE
 Codes Derwent DC: A96; D21; E16
 Codes Derwent MC: A12-V04A; D08-B04; D08-B05; E07-A02H; E10-A07; E10-D03D
 Codes CIB: A61K-007/06; A61K-007/075; A61K-007/08; A61K-007/11; A61K-007/13
 MAJ Derwent Basic: 9625
 MAJ Derwent Corr.: 9626
 Nb MAJ Derwent: 2

11/12/99 1:35:41 PM

Ref BASIS: 35368
N° d'accès Derwent: 97-209205 [19]
Titre Derwent: Shampoo compsn. improving combing properties and controlling hair damage - contains alkenyl succinic acid sugar ester salt(s), saccharide(s), anionic surfactant and cationised polymer

TEXT Mots-Clés Papp:
Domaine Principal: Capillaire (nettoyage,soin,coiffage)
Déposants: MIKUCHI SANGYO KK; NICHIDEN KAGAKU KK
Priorité (N° + date): 95JP-241017 950824
Dépôt (N° + date): 95JP-241017 950824
Publication (N° + date): J09059134 A 970304 D-9719 A61K-007/075 011pp
Résumé (+ Use/Advantage): J09059134 A shampoo compsn. contains an alkenyl succinic acid sugar ester salt(s), a saccharide(s), an anionic surfactant(s) and a cationised polymer(s). Pref. the blend ratio is 0.1-20 wt.% of the ester salt, 0.1-45 wt.% of saccharides, 1.5-20 wt.% of the surfactant, 0.1-5 wt.% of the polymer and remaining water. Pref. it contains one or more of amphoteric, nonionic and cationic surfactants. Pref. the blend ratio is 0.1-20 wt.% of the ester salt, 0.1-45 wt.% of saccharides, 1.5-20 wt.% of anionic surfactants, 0.1-5 wt.% of the polymer, up to 20 wt.% of amphoteric surfactants, up to 5 wt.% of nonionic surfactants, up to 5 wt.% of cationic surfactants water. ADVANTAGE - The compsn. improves smoothness and fiber-combing properties on shampooing and imparts good softness, smoothness and combing properties without stickiness after shampooing. It also controls proceeding of hair damage. (Dwg.0/0)

Use / Advantage: J09059134 I ADVANTAGE > The compsn. improves smoothness and fiber-combing properties on shampooing and imparts good softness, smoothness and combing properties without stickiness after shampooing. It also controls proceeding of hair damage. (Dwg.0/0)

Nb Priorités: 1
Pays Désignés: JP
Nb Extension: 1
1ère Année Prior.: 95
1er Pays Prior.: JP
Codes Derwent DC: A96; D21; E19
Codes Derwent MC: A12-V04A; D08-B04; E07-A02D; E10-A07
Codes CIB: A61K-007/075; C11D-001/28; C11D-003/20; C11D-003/22; C11D-003/37
MAJ Derwent Basic: 9719
MAJ Derwent Corr.:
Nb MAJ Derwent: 0

Ref BASIS: 36364
 N° d'accès Derwent: 97-340896 [31]
 Titre Derwent: Reduction of damage to hair during lanthionising - using composition containing lanthionising agent with hydrogenated starch hydrolysate and/or sugar

TEXT0_Mots-Clés Papp: Permanente et défrisage
 Domaine Principal: AVLON IND INC —
 Déposants: AHMAD K; SYED A N
 Inventeurs: 94US-345587 941128
 Priorité (N° + date): 94US-345587 941128; 95ZA-009297 951103
 Dépôt (N° + date): US5641477 A 970624 D49731 A61K-007/09 011pp; ZA9509297 A 970730 D49735 A61K-000/00 047pp
 Publication (N° + date): US5641477 Reduction of damage to hair during lanthionising comprises: (a) applying a lanthionising composition comprising: (i) a lanthionising agent of pH 12.0-13.5; (ii) a hydrogenated starch hydrolysate, and/or (iii) a sugar, to the hair fibres, and (b) removing the composition after sufficient time to obtain the desired degree of lanthionisation. Also claimed is the lanthionising composition as above.
 Résumé (+ Use/Avantage): USE | - The process is used for relaxing hair fibres. ADVANTAGE - This process allows relaxation of hair fibres with minimum swelling and reduced damage to the fibres compared with previous processes. The treated hair has greater tensile strength than that of hair treated by previous methods. (Dwg.0/0)
 Use / Advantage: US5641477 | USE > - The process is used for relaxing hair fibres. | ADVANTAGE > This process allows relaxation of hair fibres with minimum swelling and reduced damage to the fibres compared with previous processes. The treated hair has greater tensile strength than that of hair treated by previous methods. (Dwg.0/0)

Nb Priorités: 1
 Pays Désignés: US; ZA
 Nb Extension: 2
 1ère Année Prior.: 94
 1er Pays Prior.: US
 Codes Derwent DC: D17; D21; E13; E17
 Codes Derwent MC: D06-G; D08-B05; E07-A02A
 Codes CIB: A61K-000/00; A61K-007/06; A61K-007/09
 MAJ Derwent Basic.: 9731
 MAJ Derwent Corr.: 9735
 Nb MAJ Derwent: 1

Ref BASIS: 34453
 N° d'accès Derwent: 97-054432 [06]
 Titre Derwent: Hair treatment agent which repairs split ends and washes out well - contg. fucose and opt. amorphous silica, polyacrylamide and fatty acid ester, useful for uniform repair and avoiding residue in hair

TEXTO_Mots-Clés Papp: Capillaire (nettoyage, soin, coiffage)
 Domaine Principal: GOLDWELL GMBH
 Déposants: HEINZ D; HINZ S
 Inventeurs: 96DE-004845 960210; 95DE-1023651 950629
 Priorité (N° + date): 96EP-108135 960522; 96EP-108135 960522; 96DE-500016 960522; 96EP-108135 960522
 Dépôt (N° + date): [Based on EP-750900]
 Publication (N° + date): EP-750900 A1 970102 D-9706 A61K-007/06 Ger 007pp; EP-750900 B1 970806 D-9736 A61K-007/06 Ger 007pp; DE59600016 G 970911 D-9742 A61K-007/06 000pp
 Résumé (+ Use/Advantage): EP-750900 A hair treatment agent contains fucose. USE | - A compsn. contg. fucose or a compsn. contg. a combination of fucose and fatty acid ester(s) of the formula R-C(O)-O-R' (I); in which R = 6-12 C alkyl, R' = 12-22 C alkyl; is used for treating split ends (all claimed). ADVANTAGE - The compsn. repairs split ends and, in contrast to other formulations, esp. those based on viscous oils, also washes out well. (Dwg.0/0); XX-0900 Composition for the treatment of hair, containing fucose in combination with polyacrylamide. (Dwg.0/0)
 Use / Advantage: EP-750900 I USE > - A compsn. contg. fucose or a compsn. contg. a combination of fucose and fatty acid ester(s) of the formula R-C(O)-O-R' (I); in which R = 6-12 C alkyl, R' = 12-22 C alkyl; is used for treating split ends (all claimed). I ADVANTAGE > The compsn. repairs split ends and, in contrast to other formulations, esp. those based on viscous oils, also washes out well. (Dwg.0/0); XX-0900 empty field
 Nb Priorités: 3
 Pays Désignés: BE; CH; DE; FR; GB; LI; NL; EP
 Nb Extension: 7
 Citations (EP/WO): EP-287876; EP---5807; GB2164558; J07331281
 1ère Année Prior.: 95
 1er Pays Prior.: DE
 Codes Derwent DC: A96; D21; E13; E17
 Codes Derwent MC: A04-004A; A12-V04A; D08-B03; E10-A07
 Codes CIB: A61K-007/06
 MAJ Derwent Basic: 9706
 MAJ Derwent Corr.: 9742
 Nb MAJ Derwent: 2

Ref BASIS: 32386
 N° d'accès Derwent: 96-240110 [25]
 Titre Derwent: Hair restoring agent for repairing split hairs which contains no cationic surfactants, - contains an active substance combination of a cationic panthenol deriv. and a mono- or di:saccharide, quat. mono:saccharide, sugar acid, sugar alcohol or glycoside carbohydrate component

TEXT Mots-Clés Papp: Capillaire (nettoyage,soin,coiffage)
 Domaine Principal: HENKEL KGAA
 Déposants: GODDINGER D; HOLLENBERG D; PRIEBE C; SEIDEL K
 Inventeurs: 94DE-440315 941111
 Priorité (N° + date): 94DE-440315 941111; 95WO-E04281 951102
 Dépôt (N° + date): DE4440315 A1 960515 DW9625 A61K-007/06 008pp; W09614824 A1 960523 DW9626
 Publication (N° + date): A61K-007/06 Ger 024pp

Résumé (+ Use/Advantage): DE4440315 A formulation for the treatment of keratin fibres, esp. human hair, contains an active substance combination comprising: (A) a cationic panthenol deriv.; and (B) a carbohydrate chosen from mono- or oligosaccharides, (ur)onic acids (i.e. sugar acids), sugar alcohols, glycosides or quat. monosaccharides. A method for treating hair by applying the above formulation and then rinsing it out or leaving it to stand is also claimed. USE - The formulation is used as a hair restoring agent for repairing split hairs and may be added to shampoos, conditioners, styling lotions, hair cures, permanent wave solns., dyes etc. ADVANTAGE - Unlike cationic surfactant based prods. this agent does not accelerate the process by which hair becomes greasy, and they do not have to be applied to the hair as a sep. soln. since they are compatible with anionic surfactants. (Dwg.0/0)

Use / Advantage: DE4440315 I USE > - The formulation is used as a hair restoring agent for repairing split hairs and may be added to shampoos, conditioners, styling lotions, hair cures, permanent wave solns., dyes etc. I ADVANTAGE > Unlike cationic surfactant based prods. this agent does not accelerate the process by which hair becomes greasy, and they do not have to be applied to the hair as a sep. soln. since they are compatible with anionic surfactants. (Dwg.0/0)

Nb Priorités: 1
 Pays Désignés: JP; US; AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; WO; EP
 Nb Extension: 19
 Citations (EP/WO): DE4214652; DE4324962; DE9311095; EP-287876; US5270035; US5340570; US5384118; WO8703196; WO9213829; WO9219217; WO9324101

1ère Année Prior.: 94
 1er Pays Prior.: DE
 Codes Derwent DC: A96; D21; E16
 Codes Derwent MC: A12-V04A; D08-B04; D08-B05; E07-A02H; E10-A07; E10-D03D
 Codes CIB: A61K-007/06; A61K-007/075; A61K-007/08; A61K-007/11; A61K-007/13
 MAJ Derwent Basic: 9625
 MAJ Derwent Corr.: 9626
 Nb MAJ Derwent: 2

11/17/99 12:52:20 PM

Ref BASIS: 38694
N° d'accès Derwent: 98-161151 [15]
Titre Derwent: Protecting chemically processed hair during subsequent chemical processing - by applying composition comprising e.g. sugar or polyol and cationic or nonionic polymer
Domaine Principal: Permanente et défrisage
Autres Domaines: Coloration et décoloration (cheveux)
Déposants: AVLON IND INC
Inventeurs: HABIB W W; SYED A N
Priorité (N° + date): 96US-713760 960913
Dépôt (N° + date): 97EP-307166 970915
Publication (N° + date): EP-829255 A2 980318 DW9815 A61K-007/06 Eng 021pp
N° Zoom: 9811
Résumé (+ Use/Advantage): EP-829255 Chemically process hair is protected from damage during further chemical processing by (a) applying a composition (I) comprising (i) at least one of a sugar, starch hydrolysate, sorbitol, glycerol, propylene glycol or polyol, and (ii) at least one cationic or polar, non-ionic polymer; (b) then processing the hair by the process previously used; and (c) rinsing to remove all chemicals. A composition (II), comprising (I) in a cosmetically acceptable medium, for use in protecting chemically treated hair during subsequent relaxing, is claimed per se. Also claimed is a single-use kit for processing previously chemically processed hair, comprising a single use portion of a composition for chemically processing hair, and a single use portion of composition (I). USE [- The chemical processing may be relaxing, colouring, bleaching or permanent waving. (Dwg.0/0)
Use / Advantage: EP-829255 I USE > - The chemical processing may be relaxing, colouring, bleaching or permanent waving. (Dwg.0/0)
Nb Priorités: 1
Pays Désignés: AL; AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LT; LU; LV; MC; NL; PT; RO; SE; SI; US; EP
Nb Extension: 24
1ère Année Prior.: 96
1er Pays Prior.: US
Codes Derwent DC: A96; D21; E19
Codes Derwent MC: A12-V04A; D08-B05; E07-A02A; E10-A07; E10-E04H
Codes CIB: A61K-007/06
MAJ Derwent Basic: 9815
MAJ Derwent Corr.:
Nb MAJ Derwent: 1

11/17/99 12:51:33 PM

Ref BASIS: 41069
N° d'accès Derwent: 98-533192 [46]
Titre Derwent: Use of fucose and acyl-amino-diol derivative - to prevent split ends in treatment of hair
Domaine Principal: Capillaire (nettoyage,soin,coiffage)
Déposants: GOLDWELL GMBH
Priorité (N° + date): 97DE-2009853 970606
Dépôt (N° + date): 97DE-2009853 970606
Publication (N° + date): DE29709853 U1 981008 D9846 A61K-007/06 012pp
Résumé (+ Use/Advantage): DE29709853 Use of fucose and an acylaminodiol of formula (I) for treating hair is new. R1, R2 = 10-22C alkyl or alkenyl; R3 = Me, Et, propyl or isopropyl; and n = 1-6 (preferably 2 or 3). USE | - The composition can be used as a gel, solution, emulsion or dispersion. ADVANTAGE - The presence of fucose allows treatment of split ends and also improves washing. (Dwg.0/ 0)
Use / Advantage: DE29709853 | USE > - The composition can be used as a gel, solution, emulsion or dispersion. | ADVANTAGE > The presence of fucose allows treatment of split ends and also improves washing. (Dwg.0/0)
Nb Priorités: 1
Pays Désignés: DE
Nb Extension: 1
1ère Année Prior.: 97
1er Pays Prior.: DE
Codes Derwent DC: D21; E16
Codes Derwent MC: D08-B04; D08-B05; E07-A02H; E10-D03C
Codes CIB: A61K-007/06
MAJ Derwent Basic: 9846
MAJ Derwent Corr.:
Nb MAJ Derwent: 1

11/17/99 12:50:32 PM

Ref BASIS: 42105
N° d'accès Derwent: 99-054262 [05]
Titre Derwent: Hair treatment composition - contains fucose and at least one fatty acid ester and does not contain a cationic silicone derivative
Domaine Principal: Capillaire (nettoyage,soin,coiffage)
Déposants: KAO CORP
Priorité (N° + date): 97JP-133007 970508
Dépôt (N° + date): 97JP-133007 970508
Publication (N° + date): J10306017 A 981117 D-9905 A61K-007/06 003pp
Résumé (+ Use/Advantage): J10306017 A hair treatment composition contains fucose and 1-20 wt. % of at least one fatty acid ester of formula $R-C(=O)-R_1$ (I) and does not contain a cationic silicone derivative. In (I), R = linear or branched 6-12C alkyl; R₁ = linear or branched 14-22C alkyl. ADVANTAGE - The present composition exhibits an effect for protecting split hair, and it can easily washed off from hair. (Dwg.0/0)
Use / Advantage: J10306017 : ADVANTAGE > The present composition exhibits an effect for protecting split hair, and it can easily washed off from hair. (Dwg.0/0)
Nb Priorités: 1
Pays Désignés: JP
Nb Extension: 1
1ère Année Prior.: 97
1er Pays Prior.: JP
Codes Derwent DC: D21; E17
Codes Derwent MC: D08-B03; E10-F02C; E10-G02H2
Codes CIB: A61K-007/06
MAJ Derwent Basic: 9905
MAJ Derwent Corr.:
Nb MAJ Derwent: 1

Ref BASIS: 33347
N° d'accès Derwent: 96-439454 [44]
Titre Derwent: Skin care toiletry with improved moistening properties - contains
saccharide-linked poly:amino acid formed by covalently binding poly:amino acid
with saccharide and/or deriv.

TEXT0 Mots-Clés Papp: Soins de la peau (supports, produits et formulations)
Domaine Principal: POLA CHEM IND INC
Déposants: 95JP-024825 950214
Priorité (N° + date): 95JP-024825 950214
Dépôt (N° + date): J08217656 A 960827 D-9644 A61K-007/48 018pp
Publication (N° + date): J08217656 Toiletry contains saccharide-linked polyamino acid formed by covalently
Résumé (+ Use/Advantage): binding polyamino acid with a saccharide and/or its deriv. ADVANTAGE - The
toiletry has improved moisture absorption, moistening, cell activation and
refreshment of skin and hair. (Dwg.0/11)
Use / Advantage: J08217656 1 ADVANTAGE > The toiletry has improved moisture absorption, moistening,
cell activation and refreshment of skin and hair. (Dwg.0/11)

Nb Priorités: 1
Pays Désignés: JP
Nb Extension: 1
1ère Année Prior.: 95
1er Pays Prior.: JP
Codes Derwent DC: A23; A96; D21
Codes Derwent MC: A05-F03; A10-E01; A12-V04C; D08-B09A
Codes CIB: A61K-007/00; A61K-007/06; A61K-007/48
MAJ Derwent Basic: 9644
MAJ Derwent Corr.:
Nb MAJ Derwent: 1

11/12/99 10:38:06 AM

Ref BASIS: 30026
N° d'accès Derwent: 95-379956 [49]
Titre Derwent: Hair cosmetic material with good set retaining power - contains hemi-cellulose, pref. soluble in water
TEXT Mots-Clés Papp:
Domaine Principal: Capillaire (nettoyage,soin,coiffage)
Déposants: SHISEIDO CO LTD
Priorité (N° + date): 94JP-054078 940324
Dépôt (N° + date): 94JP-054078 940324
Publication (N° + date): J07258041 A 951009 DW9549 A61K-007/06 007pp
Résumé (+ Use/Advantage): J07258041 Hair cosmetic material contains at least 1 hemicellulose. Pref. the hemicellulose is soluble in water. Pref. the blend ratio of the hemicelluloses is 0.1-30 wt.%. The hemicellulose is e.g. at least 1 of heteroglycans contg. D-xylose, L-arabinose, D-glucose, D-galactose, D-mannose and/or D-glucuronic acid, homoglycans, arabinoxylan and arabinan. ADVANTAGE The material has high set-retaining power and good feel. (Dwg.0/0)
Use / Advantage: J07258041 : ADVANTAGE > The material has high set-retaining power and good feel. (Dwg.0/0)
Nb Priorités: 1
Pays Désignés: JP
Nb Extension: 1
1ère Année Prior.: 94
1er Pays Prior.: JP
Codes Derwent DC: D21
Codes Derwent MC: D08-B03
Codes CIB: A61K-007/06; A61K-007/11
Nb MAJ Derwent: 1

11/12/99 10:28:35 AM

Ref BASIS: 12612
N° d'accès Derwent: 89-289734 [40]
Titre Derwent: Compsn. for external drug and (hair) cosmetics - contains acidic hetero-polysaccharide comprising arabinose mannose and galactose, etc. obtd. by culturing Polianthes tuberosa L
TEXTO_Mots-Clés Papp: PEAU CHEVEUX SOIN HYDRATATION ADOUCISSANT HETEROPOLYSACCHARIDE ACIDE PREPARATION CULTURE TISSU VEGETAL POLIANTHES TUBEROSA
Domaine Principal: Soin de la peau (supports, produits et formulations)
Déposants: KAO CORP
Priorité (N° + date): 88JP-039226 880222
Dépôt (N° + date): 88JP-039226 880222; 88JP-039226 880222 [Based on J01213213]
Publication (N° + date): J01213213 A 890828 DW8940; J93029329 B 930430 DW9320 A61K-007/48 006pp
Résumé (+ Use/Advantage): J01213213 Compsn. contains 0.0001-10 wt.% acidic heteropolysaccharide comprising arabinose, mannose, galactose, xylose and glucuronic acid prepf. from tissue culture of Polianthes tuberosa L. After a bud of Polianthes tuberosa L is inoculated on the callus induction culture, callus is induced, subcultivated through at least ten passages and subjected to shake culture. The cell-free culture medium is concd. using a rotary evaporator. The the concd. soln. 3 vol. ethanol is added and left at 5 deg.C for 24 hrs. The sediment is collected using a centrifuge, washed with 70% ethanol and freeze- dried. The yield is 1.91 g/l/30 days. USE | Compsn. is used for extenal medical drug, cosmetics and hair cosmetics, etc. It has a moisture-protecting effect of the skin, softening and smoothing effects. (8pp Dwg.No.0/0)
Use / Advantage: J01213213 | USE > Compsn. is used for extenal medical drug, cosmetics and hair cosmetics, etc. It has a moisture-protecting effect of the skin, softening and smoothing effects. (8pp Dwg.No.0/0)
Nb Priorités: 1
Pays Désignés: JP
Nb Extension: 1
1ère Année Prior.: 88
1er Pays Prior.: JP
Codes Derwent DC: B04; D21; E13; D16; D17
Codes Derwent MC: B04-C020; B12-A07; B12-L02; B12-L05; B12-M02F; D05-C08; D06-H; D08-B; E07-A02
Codes CIB: A61K-007/06; A61K-007/48; A61K-031/72; A61K-031/725; A61K-035/78; C08B-037/00
Nb MAJ Derwent: 1

Ref BASIS: 15346
 N° d'accès Derwent: 90-367685 [49]
 Titre Derwent: Conditioning and permanent waves compsn. - comprising conventional waving soln. with carbohydrate mixt.
 TEXTO Mots-Clés Papp:
 Domaine Principal: Permanente et défrisage
 Déposants: SHISEIDO KK
 Inventeurs: RUBINSTEIN A; ERSKINE E; BULAKITES D W; KLENN E J
 Priorité (N° + date): 87US-086157 870817
 Dépôt (N° + date): 87US-086157 870817
 Publication (N° + date): US4971080 A 901120 Dw9049
 Résumé (+ Use/Advantage): US4971080 Combined conditioning and permanent waving compsns. for direct applicn. to hair comprise 0.1-75% of a carbohydrate (I) mixt.. and a cold permanent waving lotion (to 100%). Pref. (I) are glucose syrup, or esp. corn syrup (pref. contg. 20-90% esp. 38-57% dextrose (Type II corn syrup); with fructose, maltose, isomaltose, triose, and higher mol.wt. saccharides). Compsns. pref. comprise 0.1-5% (I) for normal hair, 10-20% (I) for tinted hair, 30-50% (I) for ultra light hair, or 40-75% (I) for bleached hair. USE | The single, cold permanent waving compsn. simultaneously conditions the hair and produces a uniform permanent wave over the whole head regardless of the damaged condition of portions of hair fibre. In addn. increased damage is because of the waving is prevented, and the compsn. is easily applied. (7pp Dwg.No.0/0)
 Use / Advantage: US4971080 | USE > The single, cold permanent waving compsn. simultaneously conditions the hair and produces a uniform permanent wave over the whole head regardless of the damaged condition of portions of hair fibre. In addn. increased damage is because of the waving is prevented, and the compsn. is easily applied. (7pp Dwg.No.0/0)
 Nb Priorités: 1
 Pays Désignés: US
 Nb Extension: 1
 1ère Année Prior.: 87
 1er Pays Prior.: US
 Codes Derwent DC: D21
 Codes Derwent MC: D08-B05
 Codes CIB: A61K-007/09
 Nb MAJ Derwent: 1

Ref BASIS: 18356
 N° d'accès Derwent: 92-042677 (06)
 Titre Derwent: Hair cosmetic material - contains component(s), selected from extract of corn grains, using aq. sulphurous acid, water-soluble natural sugar, blood plasma etc.
 TEXTO_Mots-Clés Papp: 01 DOMAINE 02 DOMAINE CONDITIONNEMENT CHEVEUX DEGRADE REGENERATION PROTECTION DETERIORATION PERMANENTE TEINTURE ADJUVANT EXTRAIT VEGETAL MAIS + SUCRE NATUREL + PLASMA SANG CARRAGEENAN SHELLAC CELLULOSE SOLUBLE BIOPOLYMER KERATINE CYCLODEXTRINE COPOLYMER ACRYLIQUE
 Domaine Principal: Capillaire (nettoyage, soin, coiffage)
 Déposants: JAPAN HAPPY KK
 Inventeurs: INOUE T
 Priorité (N° + date): 90JP-304377 901109; 90JP-206217 900803
 Dépôt (N° + date): 91EP-101769 910208; 90JP-206217 900803; 90JP-304377 901109; 90JP-206217 900803 [Based on J04091015]; 90JP-304377 901109 [Based on J04178318]
 Publication (N° + date): EP-469232 A 920205 D9206; J04091015 A 920324 D9218 009pp; J04178318 A 920625 D9233 A61K-007/09 004pp; J94104616 B2 941221 D9504 A61K-007/06 007pp; J95000537 B2 950111 D9506 A61K-007/09 003pp
 Résumé (+ Use/Advantage): EP-469232 Material for a hair cosmetic contains at least one selected from among an extract obtd. from corn grains by use of sulfurous acid water soln, water soluble natural sugar, blood plasma or substitute blood plasma, shellac, keratin, carrageenan, a soluble cellulose, amylose and an acrylic copolymer. Also claimed is a liq. mixt. material for a hair cosmetic, a cold permanent wave treatment agent of a hair colouring agent all contg. the material. The extract obtd. from corn grains by use of sulphurous acid water soln. pref. includes inositol, choline and lactic acid. The liquid mixt. material for hair cosmetic, pref. contains 0.5-90 wt.% of the extract, 0.5-90 wt.% of water-soluble natural sugar and 0.5-90 wt.% blood plasma. The liquid material for hair cosmetic pref. contains 10-90 wt.% of total of a mixt material of the extract, water-soluble natural sugar and blood plasma and 90-10 wt.% of a component selected from carrageenan, shellac, a soluble cellulose, keratin, amylose and an acrylic copolymer. USE | The hair cosmetic contg. the material is capable of curing hair damaged by cold permanent wave treatment, hair colouring treatment etc. and improves the colour, gloss, feel and combing smoothness of the hair. (12pp Dwg.No.0/0)
 Use / Advantage: EP-469232 | USE > The hair cosmetic contg. the material is capable of curing hair damaged by cold permanent wave treatment, hair colouring treatment etc. and improves the colour, gloss, feel and combing smoothness of the hair. (12pp Dwg.No.0/0)
 Nb Priorités: 2
 Pays Désignés: DE; FR; GB; IT; JP; EU
 Nb Extension: 5
 Citations (EP/WO): J63301809; J59157010; J01040415; US4374825; EP-279016; US4685913; EP---5807; US4180561; DE3130894; EP-180968
 1ère Année Prior.: 90
 1er Pays Prior.: JP
 Codes Derwent DC: A96; D21
 Codes Derwent MC: A03-A00A; A03-A05; A03-C01; A04-F01A; A12-V04A; D08-B03; D08-B05
 Codes CIB: A61K-007/06; A61K-007/09; A61K-007/13
 MAJ Derwent Basic: 9206
 MAJ Derwent Corr.: 9506
 Nb MAJ Derwent: 2

11/12/99 11:01:58 AM

Ref BASIS: 16893
N° d'accès Derwent: 91-227863 [31]
Titre Derwent: Hair treatment agent for restoring damaged hair - is based on water soluble natural saccharide(s) plasma and/or plasma substitutes
TEXTO_Mots-Clés Papp: CHEVEUX DEGRADE REGENERATION CONDITIONNEMENT FORMULATION SACCHARIDE GLUCOSE DEXTRANE PULLULAN + SERUM SANG POLYMER PVP POLYVINYLALCOOL KERATINE_HYDROLYSAT SHELLAC
Domaine Principal: Capillaire (nettoyage,soin,coiffage)
Déposants: JAPAN HAPPY KK
Priorité (N° + date): 89JP-286358 891102
Dépôt (N° + date): 89JP-286358 891102
Publication (N° + date): J03148211 A 910625 Dw9131
Résumé (+ Use/Advantage): J03148211 Agent is based on at least one of water-soluble natural saccharides, plasma, and plasma substitutes. The agent is pref. mixed with shellac of a natural resin and/or protein keratin. The agent is applied to the hair and heat-treated at 40-50 deg. for 10-20 min or swelled with an alkali agent(s). USE | Agent durably restores damaged hair. (3pp Dwg.No.0/0)
Use / Advantage: J03148211 | USE > Agent durably restores damaged hair. (3pp Dwg.No.0/0)
Nb Priorités: 1
Pays Désignés: JP
Nb Extension: 1
1ère Année Prior.: 89
1er Pays Prior.: JP
Codes Derwent DC: D21
Codes Derwent MC: D08-803
Codes CIB: A61K-007/06
Nb MAJ Derwent: 1

11/12/99 11:14:11 AM

Ref BASIS: 14818.,
N° d'accès Derwent: 90-287814 [38]
Titre Derwent: Hair cosmetic material compsn. - contg. trans:glutaminase, water-soluble
polyhydric alcohol and opt. calcium salt
TEXTO_Mots-Clés Papp: CHEVEUX CONDITIONNEMENT SURFACE RENFORCATEUR FORMULATION ENZYME TRANSGLUTAMINASE +
POLYOL ETHYLENEGLYCOL GLYCEROL GLUCOSE + SEL_MINERAL CALCIUM CACL2
Domaine Principal: Capillaire (nettoyage,soin,coiffage)
Déposants: KANEBO KK
Priorité (N° + date): 89JP-025198 890202
Dépôt (N° + date): 89JP-025198 890202
Publication (N° + date): J02204407 A 900814 Dw9038
Résumé (+ Use/Advantage): J02204407 A new hair cosmetic material compsn. contains transglutaminase and a
water-soluble polyhydric alcohol. The compsn. pref. contains a calcium salt
additionally. The alcohol is, e.g., ethylene glycol, glycerol, or glucose. The
calcium salt is, e.g., calcium chloride or calcium acetate. USE | Stable a
compsn. having a good effect of restoring the surface of damaged hair. (6pp
Dwg.No.0/0)
Use / Advantage: J02204407 | USE > Stable a compsn. having a good effect of restoring the surface
of damaged hair. (6pp Dwg.No.0/0)
Nb Priorités: 1
Pays Désignés: JP
Nb Extension: 1
1ère Année Prior.: 89
1er Pays Prior.: JP
Codes Derwent DC: D16
Codes Derwent MC: D05-A02C; D08-B03
Codes CIB: A61K-007/06
Nb MAJ Derwent: 1

Ref BASIS: 12028; /
 N° d'accès Derwent: 89-214021 [30]
 Titre Derwent: Betaine Gp-contg. polysaccharide with recurring anhydro-glucose units - used in hair compsns., fibre or fabric treatment, paper pulp prodn. and as thickeners
 TEXTO_Mots-Clés Papp: POLYMERE AMPHOTERE POLYSACCHARIDE BETAINES CELLULOSE_ETHER BETAINES SY PREPARATION CHEVEUX SOIN CONDITIONNEMENT EPAISSISSANT
 Domaine Principal: Polymères cosmétiques (nouveaux composés)
 Déposants: GOLDSCHMIDT TH AG; GOLDSCHMIDT AG TH
 Inventeurs: GRUENING B; HOFFMANN K; KOERNER G; KOLLMEIER H J; KOLLMEIER T H
 Priorité (N° + date): 88DE-820030 880613
 Dépôt (N° + date): 88DE-820030 880613; 89GB-013530 890613; 89FR-006991 890529; 89GB-013530 890613; 89US-353349 890517; 89IT-048048 890606 (Div ex); 89US-353349 890517; 92US-835629 920213 [Div.ex US5124446]
 Publication (N° + date): DE3820030 C 890727 Dv8930; GB2219588 A 891213 Dv8950; FR2632647 A 891215 Dv9006; GB2219588 B 910814 Dv9133; US5124446 A 920623 Dv9228 C07H-015/00 009pp; IT1231523 B 911207 Dv9238 A61K-000/00 000pp; US5243072 A 930907 Dv9337 C07C-229/00 008pp
 Résumé (+ Use/Advantage): DE3820030 A polysaccharide with recurring anhydro glucose units I possesses N-(3-chloro-2-hydroxy propyl)-N-carboxyalkyl-N, N-dialkyl ammonium betaine gps. ClCH₂-CHOH-CH₂-N(+)R₃R₄-R₅-COO(-) (II) (where each R₁ is -CH₃, (C_nH_{2n}O)mR₂ or (III), n=2 or 3; m=0-10; p=0-10; R₂ is H or -CH₂-CHOH-CH₂-N(+)R₃R₄-R₅-COO(-); R₃ and R₄ each are 1-4C alkyl; R₅ is a divalent 1-10C aliphatic hydrocarbon gp and at least 0.5% (5-20%) of the R₁ gps are betaine gps. Such a polysaccharide may be prepd by reacting a polysaccharide with recurring anhydroglucose units with NaOH in a polar organic solvent and then reacting with a betaine (II). USE | The polysaccharides give hair an improved smoothness shine and combability and are also useful as thickeners and protective colloids. Used to treat fibres, fabrics etc. to improve the handle by lowering electrostatic charge. Also useful for addn. to paper pulp and for thickening aq. binders. (12pp Dwg.No.0/0); GB2219588 A polysaccharide comprising recurring anhydroglucose units of the average general formula (I): wherein the groups R₁ are identical or different and each is a methyl, (C_nH_{2n}O)mR₂ or gp. (i) in which n is 2 or 3, m is 0 to 10 and p is 0 to 10, and R₂ is hydrogen or a betaine group of formula (II); in which R₃ and R₄ are identical or different each is a straight chain or branched C1-C4 alkyl group and R₅ is a straight chain or branched divalent aliphatic C1-C10 hydrocarbon group, with the proviso that at least 0.5% of the radicals R₁ in the polysaccharide molecule comprise a betaine group.; US5124446 Betaine gp.-contg. polysaccharide has recurring anhydro-glucose units of formula (I). Each R₁ is Me, (C_nH_{2n}O)mR₂ or CH₂CH(CH₂OH)O)pR₂; n is 2 or 3; m and p are each 0-10; R₂ is H or CH₂CH(OH)CH₂N(R₃)(R₄)R₅-COO; R₃ and R₄ are each (1-4C)alkyl; and R₅ is divalent (1-10C)aliphatic hydrocarbon; such that 0.5% or more of the R₁ gps. are the betaine gp. USE | In synthesis of cosmetic prepn. as hair care compsns. (Dwg.0/0); US5243072 Betaine cpd has formula ClCH₂CH(OH)CH₂N(R₃)R₅COO; where R₃ and R₄ are each (1-4C)alkyl, and R₅ is divalent (1-10C)aliphatic. Betaine gp-contg. polysaccharide with recurring anhydro-glucose units have formula (I), and are prepd. from the betaine cpd. R₁ is Me, (C_nH_{2n}O)mR₂ or CH₂CH(CH₂OH)O)pR₂; R₂ is H or CH₂CH(OH)CH₂N(R₃)(R₄)R₅COO; n is 2 or 3; and m and p are each 0-10. At least 0.5% of the R₁ gps are the betaine. USE | As hair care or other cosmetic prepn. (Dwg.0/0)
 Use / Advantage: DE3820030 | USE > The polysaccharides give hair an improved smoothness shine and combability and are also useful as thickeners and protective colloids. Used to treat fibres, fabrics etc. to improve the handle by lowering electrostatic charge. Also useful for addn. to paper pulp and for thickening aq. binders. (12pp Dwg.No.0/0); GB2219588 empty field; US5124446 | USE > In synthesis of cosmetic prepn. as hair care compsns. (Dwg.0/0); US5243072 | USE > As hair care or other cosmetic prepn. (Dwg.0/0)
 Nb Priorités: 1
 Pays Désignés: DE; GB; FR; US; IT
 Nb Extension: 5
 1ère Année Prior.: 88
 1er Pays Prior.: DE
 Codes Derwent DC: A96; D21; E13; F06; D11; F09
 Codes Derwent MC: A03-A00A; A12-V04; A12-V04A; D08-B03; E10-A22D; F03-C05; F05-A02A; F05-A06C; E10-A22E
 Codes CIB: A61K-007/06; C07C-101/30; C07C-229/28; C07H-001/00; C07H-015/00; C08B-011/19; C08B-031/12; C08L-001/28
 Nb MAJ Derwent: 1

Ref BASIS: 15205 n-
 N° d'accès Derwent: 90-349968 [47]
 Titre Derwent: Detergent compsn. used as hair and body shampoo - comprises alkyl:saccharide surface active agent and silicone deriv.
 TEXTO_Mots-Clés Papp: 11 DOMAINE SHAMPOOING PEAU CHEVEUX NETTOYAGE FORMULATION TENSIOACTIF NONIONIQUE SUCROETHER POLYGLUCOSIDE_ALKYL GLUCOSIDE_ALKYL GRAS + POLYSILOXANE DIMETHYL POLYSILOXANE METHYLPHENYL SILICONE AMINO SILICONE_ESTER SILICONE_POLYALCOXY SILICONE_CYCLIQUE SILICONE PERFLUORE
 Domaine Principal: Capillaire (nettoyage,soin,coiffage)
 Déposants: KAO CORP
 Inventeurs: TAKAMURA H; KAMEGAI J; HIROTA H
 Priorité (N° + date): 89JP-123964 890517
 Dépôt (N° + date): 90EP-108906 900511; 89JP-123964 890517; 90US-521845 900510
 Publication (N° + date): EP-398177 A 901122 DW9047; J02304016 A 901217 DW9105; US5035832 A 910730 DW9133
 Résumé (+ Use/Advantage): EP-398177 An improved detergent compsn. (1) is claimed comprising combined use of an alkyl saccharide, non-ionic surface active agent, and a silicone deriv. Alkylsaccharide is pref. of general formula (a) R1-O-(R2O)t-(G)p where R1 = alkyl, alkenyl or alkenylphenyl of 6-18C; R2 = 2-4C alkylene; G = 5-6C reduced saccharide; t = 0-10; p = 1-10. Pref. 6-18C = 8-12C, e.g. octyl, decyl, lauryl; t = 0-4, most pref. 0; G = glucose, galactose or fructose; p = 1-6. Where R1 is of average C content of 8-11, pref. p = 1-1.4, where R1 is of average C content of 12-14, pref. p = 1.5-4. Pref. amt. is 1-50%, esp. pref. 5-30%. USE | (1) is used as a shampoo and a skin cleaner. (1) gives a fine, creamy foam with minimal irritation to skin and hair. It gives a tense, slippery feeling to hair, and a light, soft feeling to the skin. (11pp Dwg.No.0/0); US5035832 Detergent compsn. comprises (a) 1-50% of a alkyl saccharide surface active agent of formula R1-O-(R2O)t-(G)p; and (b) 0.1-10% of silicone deriv. R1 is opt. branched (6-18C) alkyl, -alkenyl, or -alkylphenyl; R2 is (2-4C)alkylene; G is a reduced (5-6C) saccharide residue; t is 0-10; and p is 1-10. Cpd. (b) is dimethylpolysiloxane, methylphenylpolysiloxane, cyclic silicone, or silicone modified by amino, fatty acid, alcohol, fatty acid alcohol, -polyether, -epoxy, -fluorine, or -alkyl. USE | As shampoo or body shampoo, to impart least irritations to skin and hair, tense slippery feeling to hair, and light refreshing feeling to skin. (6pp)
 Use / Advantage: EP-398177 | USE > (1) is used as a shampoo and a skin cleaner. (1) gives a fine, creamy foam with minimal irritation to skin and hair. It gives a tense, slippery feeling to hair, and a light, soft feeling to the skin. (11pp Dwg.No.0/0); US5035832 | USE > As shampoo or body shampoo, to impart least irritations to skin and hair, tense slippery feeling to hair, and light refreshing feeling to skin. (6pp)
 Nb Priorités: 1
 Pays Désignés: AT; CH; DE; ES; FR; GB; LI; NL; JP; EP; US
 Nb Extension: 10
 Citations (EP/WO): EP-337354; EP-308190; EP-308189; GB2128627
 1ère Année Prior.: 89
 1er Pays Prior.: JP
 Codes Derwent DC: A96; D21; E13; A26
 Codes Derwent MC: A06-A00E3; A12-V04; D08-B04; D08-B09A
 Codes CIB: A61K-007/07; C11D-001/66; C11D-003/37
 Nb MAJ Derwent: 1

Ref BASIS: 21839
 N° d'accès Derwent: 93-2513.
 Titre Derwent: Aq. liq. shampoo compsns. - comprising alkyl poly-glycoside with minor amts. of short chain fatty acid soap
 TEXTO Mots-Clés Papp: TAMPON OPACIFIANT EPAISSISSANT CELLULOSE_HYDROXYPROPYL POLYMER_CATIONIQUE CIRE
 Domaine Principal: Capillaire (nettoyage, soin, coiffage)
 Autres Domaines: Nettoyage de la peau (savons, démaquillants, bain, dépilatoires, rasage)
 Déposants: UNILEVER PLC; UNILEVER NV; UNILEVER LTD
 Inventeurs: SHANA A M; STEER D C; SHANAA M
 Priorité (N° + date): 92GB-002568 920207
 Dépôt (N° + date): 93EP-300837 930204; 93AU-032881 930205; 93BR-000483 930204; 93CA-088650 930202; 93JP-018830 930205; 93ZA-000808 930205; 93TW-101715 930309; 93EP-300837 930204; 93DE-601102 930204; 93EP-300837 930204 [Based on EP-555086]; 93AU-032881 930205 [Previous Publ. AU9332881]; 93EP-300837 930204 [Based on EP-555086]
 Publication (N° + date): EP-555086 A1 930811 D49332 A61K-007/08 Eng 01pp; AU9332881 A 930812 D49339 C11D-001/83 000pp; BR9300483 A 930928 D49343 A61K-007/075 000pp; CA2088650 A 930808 D49344 A61K-007/075 000pp; J05286849 A 931102 D49348 A61K-007/50 009pp; ZA9300808 A 941026 D49443 A61K-000/00 021pp; TW-234693 A 941121 D49506 A61K-007/50 000pp; EP-555086 B1 951227 D49605 A61K-007/08 Eng 012pp; DE69301102 E 960208 D49611 A61K-007/08 000pp; AU-666912 B 960229 D49616 C11D-001/83 000pp; ES2082589 T3 960316 D49618 A61K-007/08 000pp
 Accord EP (EPB): EP-555086 B1 951227
 Résumé (+ Use/Advantage): EP-555086 Liq. aq. shampoo compsn. comprises: 1 or more alkyl polyglycosides (I) as the principal surfactant component; and 1 or more up to 16C fatty acid soaps (II). Pref. compsn. comprises (by wt.) 1-40% (I), and 1-20% (II), with wt. ratio (I):(II) pref. = less than 1:1 esp. 1:2-20; and pref. also comprises 1 or more additional components (surfactant, conditioning agent, buffering agent, opacifier, thickening agent, cationic conditioning polymer, and was). Pref. (I) are of formula RO-(G)n where R = alkyl, pref., of mean chain length 5-20C; G = saccharide gp., pref. a 5 or 6C monosaccharide or mixts.; l and n = deg. of polymerisation, pref. 1-10, esp. up to 1.5. Pref. (II) have 8-14, esp. 8-12C, and are partic. soaps of caprylic, capric, myristic, and lauric acids or mixts. Pref. compsns. are hair or body shampoos or shower gels. USE Incorporation of low levels of the specific short chain fatty acid soap (II) into the compsn. affords shampoo compsns. that have significantly improved foaming characteristics, while retaining a better overall balance of other props. (esp. mildness to skin and hair, beneficial sensory props. such as smoothness, and hair conditioning props. (Dwg.0/0); EP-555086 A liquid, aqueous shampoo composition suitable for application to skin or hair, comprising: (a) as a principal surfactant component, at least one alkyl polyglycoside; and (b) at least one short chain fatty acid soap having a carbon chain length of up to C16, the weight ratio of short chain to alkyl polyglycoside being within the range of from 1:2 to 1:20. (Dwg.0/0)
 Use / Advantage: EP-555086 (USE) Incorporation of low levels of the specific short chain fatty acid soap (II) into the compsn. affords shampoo compsns. that have significantly improved foaming characteristics, while retaining a better overall balance of other props. (esp. mildness to skin and hair, beneficial sensory props. such as smoothness, and hair conditioning props. (Dwg.0/0); EP-555086 empty field
 Nb Priorités: 1
 Pays Désignés: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; NL; PT; SE; AU; BR; CA; JP; ZA; TW; EP
 Nb Extension: 21
 Citations (EP/WO): EP-358216; EP-409005; EP--70077
 1ère Année Prior.: 92
 1er Pays Prior.: GB
 Codes Derwent DC: A96; D21; E12; E13
 Codes Derwent MC: A12-V04A; A12-V04C; D08-B03; D08-B09A; E07-A02D; E07-A02H; E10-C04L2
 Codes CIB: A61K-007/075; A61K-007/08; A61K-007/50; C11D-001/83; C11D-003/22; C11D-010/04
 MAJ Derwent Basic: 9332
 MAJ Derwent Corr.: 9618
 Nb MAJ Derwent: 2

11/12/99 11:37:23 AM

Ref BASIS: 22976
N° d'accès Derwent: 93-386548 [48]
Titre Derwent: Mild surfactant compsn. contg. alkyl or alkenyl oligo:glucoside(s) - and alkyl ether sulphate, used for washing dishes by hand or in e.g. shampoo
TEXTO Mots-Clés Papp: ALKYL ETHER SULFATE
Domaine Principal: Capillaire (nettoyage, soin, coiffage)
Autres Domaines: Nettoyage de la peau (savons, démaquillants, bain, dépilatoires, rasage)
Déposants: HENKEL KGAA
Inventeurs: BUSCH P; HENSEN H; KRAECHTER H; SALK A; STUHRMANN D; TESMANN H
Priorité (N° + date): 92US-884685 920518
Dépôt (N° + date): 93WO-E01148 930511; 93EP-909940 930511; 93WO-E01148 930511 [Based on WO9323512]; 93JP-519858 930511; 93WO-E01148 930511 [Based on WO9323512]; 93EP-909940 930511; 93WO-E01148 930511 [Based on WO9323512]; 93DE-503769 930511; 93EP-909940 930511; 93WO-E01148 930511 [Based on EP-641377] [Based on; 93EP-909940 930511 [Based on EP-641377]
Publication (N° + date): WO9323512 A1 931125 DW9348 C11D-001/83 Ger 024pp; EP-641377 A1 950308 DW9514 C11D-001/83 Ger 000pp; J07506609 W 950720 DW9537 C11D-001/68 006pp; EP-641377 B1 960911 DW9641 C11D-001/83 Ger 007pp; DE59303769 G 961017 DW9647 C11D-001/83 000pp; ES2090996 T3 961016 DW9647 C11D-001/83 000pp
Résumé (+ Use/Advantage): WO9323512 Mild surfactant mixt. (I) contains 10-40 (wt.) alkyl- and/or alkenyl-oligoglucoside of the formula R1-O-(G)p (II), 10-40% alkyl- and/or alkenyl-oligoglucoside of the formula R2-O-(G)p (III) and 80-20% alkyl ether sulphate of the formula R3-(OCH2CH2)nO-SO3M (IV); R1 = 8-11C alk(en)yl; (G) = a glucose gp.; p = 1-10; (1-3) R2 = 12-22C alk(en)yl; R3 = 6-22C alk(en)yl; M = an alkali(ne earth), ammonium or alkanolammonium ion; (pref. Na, Mg) n = 1-20 2-7. Pref. R2, R3 = 12-14C alkyl. USE | (I) is used in the prodn. of compsns. for washing dishes by hand and cosmetics (claimed), e.g. shampoos, foam baths and skin cleaning agents. It causes min. irritation, gives max. lather stability and forms clear aq. solns. without adding solvent aid. There is a synergistic improvement in lathering in the presence of grease from skin cf. commercially available alkyl ether sulphate/alkyl-oligoglucoside mixts. and also advantages for the strength of hair and dry combability. (Dwg.0/0); US-1377 Mild surfactant mixtures containing (a) about 10 to about 40% by weight of an alkyl and/or alkenyl oligo-glucoside corresponding to formula (I) R1-O-(G)p (I) in which R1 is an alkyl and/or alkenyl radical containing about 8 to about 11 carbon atoms, (G) is a glucose unit and p is a number of 1 to about 10, (b) about 10 to about 40% by weight of an alkyl and/or alkenyl oligo-glucoside corresponding to formula (II) R2-O-(G)p (II) in which R2 is an alkyl and/or alkenyl radical containing about 12 to about 22 carbon atoms, (G) is a glucose unit and p is a number of 1 to about 10, and (c) about 80 to about 20% by weight of an alkyl ether sulphate corresponding to formula (III) R3-(OCH2CH2)nO-SO3M (III) in which R3 is an alkyl and/or alkenyl radical containing about 6 to about 22 carbon atoms, M is an alkali metal, alkaline earth metal, ammonium and/or alkanolammonium ion and n is a number of 1 to about 20. (Dwg.0/0)
Use / Advantage: WO9323512 | USE > (I) is used in the prodn. of compsns. for washing dishes by hand and cosmetics (claimed), e.g. shampoos, foam baths and skin cleaning agents. It causes min. irritation, gives max. lather stability and forms clear aq. solns. without adding solvent aid. There is a synergistic improvement in lathering in the presence of grease from skin cf. commercially available alkyl ether sulphate/alkyl-oligoglucoside mixts. and also advantages for the strength of hair and dry combability. (Dwg.0/0); US-1377 empty field
Nb Priorités: 1
Pays Désignés: JP; US; CH; DE; DK; ES; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; WO; EP
Nb Extension: 16
Citations (EP/WO): EP-409005; EP-486786; J03166298; US4483787; WO9002164; WO9104313; WO9115192; WO9221742
1ère Année Prior.: 92
1er Pays Prior.: US
Codes Derwent DC: D21; D25; E19
Codes Derwent MC: D08-B; D11-A01; D11-A03; D11-D01A; E05-B01; E07-A02H; E10-A09A
Codes CIB: A61K-007/075; A61K-007/50; C11D-001/16; C11D-001/68; C11D-001/83
MAJ Derwent Basic: 9348
MAJ Derwent Corr.: 9647
Nb MAJ Derwent: 2

Ref BASIS: 30003*Y
 N° d'accès Derwent: 95-359547 [47]
 Titre Derwent: Compsns. for hair and body care - contg. lecithin and oligoglycoside or poly:hydroxy:alkyl:amide surfactant

TEXTO Mots-Clés Papp: Capillaire (nettoyage,soin,colffage)
 Domaine Principal: HENKEL KGAA
 Déposants: HENSEN H; KAHRE J; LEPPER H; LUEDDEMANN U; TESMANN H; WACHTER R
 Inventeurs: 94DE-413434 940418
 Priorité (N° + date): 94DE-413434 940418; 95WO-E01310 950410
 Dépôt (N° + date): DE4413434 A1 951019 DW9547 A61K-007/06 007pp; WO9528143 A1 951026 DW9548
 Publication (N° + date): A61K-007/075 Ger 018pp

Résumé (+ Use/Advantage): DE4413434 Hair- and body-care compsns. contain lecithin (I) and a cpd. (II) selected from alkyl and/or alkenyl oligoglycosides (IIa) and fatty acid N-alkyl-N-(polyhydroxyalkyl)amides (IIb). PREFERRED COMPOSITIONS - (IIa) are of formula R1O(G)p, where R1 = 4-22C alkyl and/or alkanyl, G = a 5-6C sugar residue and p = 1-10. (IIb) are of formula R2CO-NR3-Z, where R2CO = 6-22C aliphatic acyl, R3 = H, 1-4C alkyl or 1-4C hydroxyalkyl, and Z = 3-12C alkyl substd. by 3-10 OH gps.. The (II):(I) wt. ratio is 90:10 to 99:1. ADVANTAGE - Addn. of (I) improves the performance of the compsns. w.r.t. skin and hair feel and hair shine. (Dwg.0/0)

Use / Advantage: DE4413434 I ADVANTAGE > Addn. of (I) improves the performance of the compsns. w.r.t. skin and hair feel and hair shine. (Dwg.0/0)

Nb Priorités: 1
 Pays Désignés: JP; US; AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; WO; EP
 Nb Extension: 19
 Citations (EP/WO): EP-572776; US5002761; WO9206154; WO9315714; WO9416678
 1ère Année Prior.: 94
 1er Pays Prior.: DE
 Codes Derwent DC: A96; D21; E19
 Codes Derwent MC: A12-V04A; A12-V04C; D08-B03; D08-B09; E05-G09D; E07-A02D; E07-A02H; E10-D03C
 Codes CIB: A61K-007/06; A61K-007/075; A61K-007/50
 MAJ Derwent Basic: 9547
 MAJ Derwent Corr.: 9548
 Nb MAJ Derwent: 2